PATENT PAD TRADEFER OF TIELS INSTRUCTION FEE (103) /40-4000

INSTRUCTION FEE (if required). Blocks 1 through 5 should be completed where appropriately Accounted correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated upper Accounted to the current correspondence address as maintenance fees will be mailed to the current correspondence address as maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (c) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (d) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (d) indicating a separate "FEE ADDRESS" for maintenance fee address; and/or (d) indicating a separate "FEE ADDRESS" for maintenance fee address and fee add Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 01/12/2005 21559 Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United
States Postal Service with sufficient postage for first class mail in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being facsimile
transmitted to the USPTO (703) 746-4000, on the date indicated below. CLARK & ELBING LLP 101 FEDERAL STREET BOSTON, MA 02110 02/08/2005 EFLORES1 00000028 10020269 Colleen Coyne (Signature 'alleen 01 FC:2501 300.00 GP 02 FC:1504 03 FC:8001 (Date) tehruan 6.00 OP ATTORNEY DOCKET NO. CONFIRMATION NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 9901 50150/025002 William M. Mitchell 12/14/2001 10/020,269 TITLE OF INVENTION: IDENTIFICATION OF ANTIGENIC PEPTIDE SEQUENCES DATE DUE TOTAL FEE(S) DUE **PUBLICATION FEE** ISSUE FEE SMALL ENTITY APPLN. TYPE \$1000 04/12/2005 \$300 \$700 YES nonprovisional ART UNIT CLASS-SUBCLASS EXAMINER 424-263100 1645 SWARTZ, RODNEY P Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Clark & Elbing LLP (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered anomey or agent) and the names of up to 2 registered patent anomeys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Narhville, TN ·Vanderbilt University Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🦁 Corporation or other private group entity 🚨 Government 4b. Payment of Fec(s): 4a. The following fee(s) are enclosed: A check in the amount of the fee(s) is enclosed. X Lissue Fee Payment by credit card. Form PTO-2038 is attached. X Publication Fee (No small entity discount permitted) The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-2093 (enclose an extra copy of this form). Advance Order - # of Copies_ 5. Change in Entity Status (from status indicated above) D b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). (CKa. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Universitates Patent and Trademark Office. Date 3 February 2005 Authorized Signature Kafen L. Elbing Ph.D. Registration No. 35,238 This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete submitting the complete submitted to take 12 minutes to take 12 minute Typed or printed name Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

NOTE: 1006 PRECISED, VOIDED

AND MISPLACED 2/7/05.

CNUTC DID NOT SURFACE

UNTIL G/21/05.

DOUBLINDST

STATISTICS CONTRACTOR CONTRACTOR